



Council of Energy Resource Tribes

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OPI. ENERGY & MINERAL RESOURCES
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A. David Lester

October 31, 1983

Mr. D.L. Cramer Bornemann
Bureau of Indian Affairs
Division of Energy & Mineral Resources
Lakewood Office Plaza
730 Simms, Room 239
Golden, Colorado 80401

Confidential Claim Retracted

Authorized by: SL

Date: 9/25/13

Dear Mr. Bornemann:

Pursuant to your telephone conversation today with Mr. Robert Siek, I am informing you of the work to be performed by Mr. Allen M. Ries under, CERT contract 38-675 (01). Mr. Ries has agreed to work on the following tasks:

- (1) Make a site visit to examine the existing condition of highwalls in the North Paguate pit, South Paguate pit, and the Gavilan Mesa area. Make a visual inspection of residential structures showing stress cracks and fractures in Paguate Village.
- (2) Review and comment on the report entitled "Highwall Slope Stability North Paguate Area, Anaconda New Mexico Operations, Cibola County, New Mexico" by Dr. Ben L. Seegmiller, dated January 1983.
- (3) Prepare cross-section drawings of the existing highwall slopes in the North Paguate pit, South Paguate pit, and the Gavilan Mesa area. On the cross-section drawings illustrate the proposed reclamation alternatives for backfill slopes and/or highwall reduction schemes.
- (4) Calculate cost and material volumes required to achieve the proposed final pit slope designs and tabulate by area.
- (5) Review and comment on the report entitled "Seismic Effects of Blasting Operations of Anaconda Minerals Company on the Village of Paguate, New Mexico" by Lewis I. Oriard, dated August 12, 1982. Review and examine available geologic data specific to the North Paguate pit and Paguate Village to determine how blast-induced vibrations were transmitted. Determine the structural characteristics of stone and mortar dwellings within Paguate Village and assess the cause(s) of structural damage in the recent past.



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It is my understanding that CERT will not play an active role in the Paguate Village damage study as previously discussed and outlined by proposed USGS's or Ken King. However, we will make available the results of the above mentioned tasks 1 and 5.

Should you have any questions, please contact me directly.

Sincerely,

A handwritten signature in cursive script, appearing to read "John Blueyes", written in dark ink.

John Blueyes
Senior Environmental Engineer

JB:cfs

cc: Governor Edwin Martinez